

**WHAT IS CLAIMED IS:**

1 1. A method for processing database code, said method  
2 comprising:  
3 retrieving a SPUFI code;  
4 testing the SPUFI code using an erroneous database;  
5 determining whether the testing is successful; and  
6 updating an actual database based on the determining,  
7 the updating creating an changed database.

1 2. The method as described in claim 1 wherein the  
2 updating further comprises:  
3 sending the SPUFI code to a staging area;  
4 requesting a database update to the actual erroneous  
5 database;  
6 receiving a response corresponding to the request; and  
7 deciding whether the request is approved based on the  
8 receiving.

1 3. The method as described in claim 2 further comprising:  
2 locking the SPUFI code residing in the staging area  
3 from updating.

1 4. The method as described in claim 1 further comprising;  
2 copying the actual database;  
3 storing the copied actual database as the erroneous  
4 database wherein the storing is performed prior  
5 to the testing.

1 5. The method as described in claim 1 wherein the  
2 determining further comprises:  
3 registering a request record change quantity, the  
4 request record change quantity corresponding to a  
5 number of expected changed;

6 identifying an actual record change quantity, the  
7 actual record change quantity corresponding to a  
8 number of actual changed records; and  
9 comparing the request record change quantity to the  
10 actual record change quantity.

1 6. The method as described in claim 1 further comprising:  
2 checking the actual changed database for correctness;  
3 and  
4 restoring the actual erroneous database in response to  
5 the checking.

1 7. The method as described in claim 1 wherein the testing  
2 includes debugging the SPUFI code.

1 8. An information handling system comprising:  
2 one or more processors;  
3 a memory accessible by the processors;  
4 one or more nonvolatile storage devices accessible by  
5 the processors;  
6 a database tool to execute database code, the database  
7 tool including:  
8 means for retrieving a SPUFI code;  
9 means for testing the SPUFI code using an  
10 erroneous database;  
11 means for determining whether the testing is  
12 successful; and  
13 means for updating an actual database based on  
14 the determining, the updating creating an  
15 changed database.

1 9. The information handling system as described in claim  
2 8 wherein the means for updating further comprises:

3       means for sending the SPUFI code to a staging area;  
4       means for requesting a database update to the actual  
5            erroneous database;  
6       means for receiving a response corresponding to the  
7            request; and  
8       means for deciding whether the request is approved  
9            based on the receiving.

1 10. The information handling system as described in claim  
2       9 further comprising:  
3       means for locking the SPUFI code residing in the  
4            staging area from updating.

1 11. The information handling system as described in claim  
2       8 further comprising;  
3       means for copying the actual database;  
4       means for storing the copied actual database as the  
5            erroneous database wherein the storing is  
6            performed prior to the testing.

1 12. The information handling system as described in claim  
2       8 wherein the means for determining further comprises:  
3       means for registering a request record change  
4            quantity, the request record change quantity  
5            corresponding to a number of expected changed;  
6       means for identifying an actual record change  
7            quantity, the actual record change quantity  
8            corresponding to a number of actual changed  
9            records; and  
10      means for comparing the request record change quantity  
11        to the actual record change quantity.

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1 13. The information handling system as described in claim  
2 8 further comprising:  
3 means for checking the actual changed database for  
4 correctness; and  
5 means for restoring the actual erroneous database in  
6 response to the checking.

1 14. A computer program product stored in a computer  
2 operable media for executing database code, said  
3 computer program product comprising:  
4 means for retrieving a SPUFI code;  
5 means for testing the SPUFI code using an erroneous  
6 database;  
7 means for determining whether the testing is  
8 successful; and  
9 means for updating an actual database based on the  
10 determining, the updating creating an changed  
11 database.

1 15. The computer program product as described in claim 14  
2 wherein the means for updating further comprises:  
3 means for sending the SPUFI code to a staging area;  
4 means for requesting a database update to the actual  
5 erroneous database;  
6 means for receiving a response corresponding to the  
7 request; and  
8 means for deciding whether the request is approved  
9 based on the receiving.

1 16. The computer program product as described in claim 15  
2 further comprising:

3       means for locking the SPUFI code residing in the  
4                    staging area from updating.

1   17. The computer program product as described in claim 14  
2                    further comprising;  
3       means for copying the actual database;  
4       means for storing the copied actual database as the  
5                    erroneous database wherein the storing is  
6                    performed prior to the testing.

1   18. The computer program product as described in claim 14  
2                    wherein the means for determining further comprises:  
3       means for registering a request record change  
4                    quantity, the request record change quantity  
5                    corresponding to a number of expected changed;  
6       means for identifying an actual record change  
7                    quantity, the actual record change quantity  
8                    corresponding to a number of actual changed  
9                    records; and  
10      means for comparing the request record change quantity  
11                    to the actual record change quantity.

1   19. The computer program product as described in claim 14  
2                    further comprising:  
3       means for checking the actual changed database for  
4                    correctness; and  
5       means for restoring the actual erroneous database in  
6                    response to the checking.

1   20. The computer program product as described in claim 14  
2                    wherein the means for testing includes debugging the  
3                    SPUFI code.